ACORP Appendix 5, DRAFT SURGERY

1.	Major survival surgery. The <i>Guide</i> defines a major survival surgery as a surgery in which major body cavity is penetrated and exposed or surgery in which substantial impairment of physical or physiological functions is produced. Examples of such surgeries provided in the include laparotomy, thoracotomy, craniotomy, joint replacement, and limb amputation.						
	a.	experimental pla			on any animal as part	of the proposed	
	b.	Provide a compl on individual ani	ete scientific justificatior mals.	n for performing m	nore than one major s	survival surgery	
	C.		(s) between the multiple proceed to item 2.	e surgeries, and th	ne rationale for choos	sing the	
2.	IA(CUC reviewers ca	cedure(s). Describe the in determine what processes being performed, be	dure(s) are actua	ally being performed.	If several	
3.	tha	Provide the names of the personnel who will perform the surgery; then proceed to item 4. Note that the surgical experience of each person involved in surgery should be listed in item E of the ACORP.					
4.			of the personnel who wil ry. Then proceed to iter	-	sthetic induction and	monitor the	
5.	de de sui	dicated surgical fa finition of a major rvival surgery on i	and room number(s) whacility must be used for a survival surgery is provinon-rodent species and or laboratory. Then pro	major survival sur ided in item 1 abo survival surgery o	geries on non-rodent ove). If allowed by lo	species (the cal policy, non-	
6.	an	imal(s) for surgery en proceed to iter Fasting (rarely u Withhold water. Catheter placem vascular access	sed in rodents or rabbits Indicate the length of till ent. Indicate the site(s)	which of the follow s). Indicate the le me that water will in which venous	wing procedures will be ength of the fasting pe be withheld.	pe performed.	
7.	tra	Pre-operative medications. Complete the following table. Include any antibiotics, sedatives, or tranquilizers, and the anesthetic agent(s) that will be used to induce anesthesia prior to surgical site preparation; then proceed to item 8.					
		Agent	Dose (mg/kg) & volume (ml)	Route	Frequency (e.g. times/day)	Duration (e.g. days)	

S . Pro-	anation of the granical site. Described		a) will be propored prior to
surge	paration of the surgical site. Describe lery. Include details of hair-clipping, skin eed to item 9.	•	, , , , , , , , , , , , , , , , , , , ,
paral	operative medications. Complete the flyzing agents, fluids, or other pharmaceuery. Also include experimental pharmace	iticals that will be adm	ninistered to the animal during
	Dose (mg/kg) &		
	Agent volume (ml)	Route	Frequency
☐ N ☐ Y s a p	Ilyzing agents. Are any of the above mello. Proceed to item 11. Yes. Federal regulations prohibit the use urgery unless other appropriate anesthe nesthesia. Paralytics do not provide any physically to pain because motor reflexes adicate how the animals will be monitored.	of paralytics (neuron tic agents are used to y pain relief; therefore are paralyzed. <u>Justi</u>	nuscular blocking agents) for induce a surgical plane of animals are unable to respond fy the use of these agents and
heati 12. Intra	sical support. Indicate any physical meing pads, blankets, etc.); then proceed to e-operative monitoring. Describe method	o item 12. ods used to monitor th	ne state of anesthesia and
gene	eral well-being of the animal during surge	ery. Then proceed to	item 13.
☐ N F	the animals regain consciousness following. You have completed this appendix. In Return to item T on the ACORP itself. Yes. Proceed to item 14.		is required in this appendix.
	rival surgery considerations and post- n proceed to item 15.	-operative care. Con	nplete items 14.a-f. below.
	low long will the animal(s) survive after sor the last surgery before euthanasia.)	surgery? (If multiple s	surgeries are planned, answer
	s the room where the procedures will be terile/aseptic surgery?	performed (listed in it	em 5 above) suitable for
	ndicate which of the following procedures urgery: Sterile instruments. Surgeon cap. Sterile gloves. Surgeon scrub.	s will be used to main	tain a sterile field during

	☐ Sterile drap ☐ Sterile gowi	٦.					
	☐ Face mask. ☐ Other. Des						
d.	List any physica (e.g., heating pa		• • •	the patients in	the immediate post-	operative perio	
e.	routinely provid surgery. Do yo following surge No. Provide Yes. Comp	Unless scientifically or otherwise justified to the IACUC's satisfaction, you are obligated to routinely provide post-operative pain relief for all vertebrate animals undergoing survival surgery. Do you plan to use analgesics to provide postoperative pain relief to the animals following surgery? No. Provide a justification for not using postoperative analgesics. Yes. Complete the following table listing post-operative analgesics agent(s) that will be used after surgery to control pain.					
	Agen		se (mg/kg) & /olume (ml)	Route	Frequency (e.g. times/day)	Duration (e.g. days)	
f. Complete the following table for other medications (such as fluids, antibiotics, anti-coa and other pharmacological agents) that will be administered post-operatively.							
	and other phan	nacological	agents) that will	be administere	ed post-operatively.		
	Agent	Dose	e (mg/kg) & lume (ml)	Route	Frequency (e.g. times/day)	Duration (e.g. days)	
Th pe	Agent requency and Renen proceed to ite ersonnel listed be	Dose Vol esponsibilit em 16. The low must be	e (mg/kg) & lume (ml) ey for post-oper names and afte provided to the	Route rative care. Cor-hours telephors VMU staff in co	Frequency (e.g.	(e.g. days) and 15.b. belo	
Th pe a.	Agent requency and Renen proceed to ite ersonnel listed be Give the frequency	Dose Vol esponsibilitem 16. The low must be	e (mg/kg) & lume (ml) ey for post-oper names and after provided to the operative monitor	Route rative care. Cor-hours telephone VMU staff in continuous and how longer the continuous an	Frequency (e.g. times/day) omplete items 15.a. one (or other contact ase of an emergence	(e.g. days) and 15.b. beloed numbers of to the continue.	
Th pe a.	Agent requency and Renen proceed to itsersonnel listed be Give the frequency who will be restored to itself?	Dose Vol	e (mg/kg) & lume (ml) ey for post-oper names and afte provided to the operative monitor post-operative of post-operative of post-operative of the operative of	Route rative care. Cor-hours telephoral tel	Frequency (e.g. times/day) omplete items 15.a. one (or other contact ase of an emergence	(e.g. days) and 15.b. belo numbers of to y. vill continue. without dange	
The period a. b. c.	Agent requency and Renen proceed to ite ersonnel listed be Who will be resto itself? Who will be resand holidays)?	Dose Volume Properties of Poston Ponsible for Ponsible fo	e (mg/kg) & lume (ml) ey for post-oper names and afte provided to the operative monitor post-operative of post-operativ	Route rative care. Cor-hours telephory VMU staff in coring and how look	Frequency (e.g. times/day) omplete items 15.a. one (or other contact ase of an emergence ong the monitoring v	(e.g. days) and 15.b. beloed numbers of the continue. without dangers, weekends,	

	b.	Provide criteria by which a decision to euthanatize a surgical patient post-operatively will be made.					
	C.	In case there is an emergency medical situation and you or your staff cannot be reached, identify drugs or classes of drugs that should not be used as part of the treatment plan.					
	d. In the event that emergency euthanasia must be performed or an animal is unexpectedly found dead, how should the carcass be handled?						
	 7. Responsibility for maintaining animal post-surgical medical records. Who will be responsible for maintaining accurate, daily, post-surgical written medical records? My research staff or I will be responsible. Proceed to item 18 below. The veterinary staff will be responsible. Proceed to item 18 below. Local policy does not mandate that postoperative medical records be maintained for the species covered by this ACORP. You have completed this Appendix. Do not answer item 18 or sign under item 18. Instead, go to item T on the ACORP. Other. Please explain, then proceed to item 18 below. 						
18.	3. Certifications. Complete the following; then return to item T on the ACORP and continue.						
	Ву	my signature, I certify that					
		 Each patient under observation or treatment will be identified such that care for individual animals can be documented. Daily postoperative medical records of the patient will be maintained, including an evaluation of overall health, a description of any complications noted, treatment provided, and the removal of sutures, staples, wound clips, or other such devices. Records will document administration of all medications and treatments given to animals, including those given to reduce pain or stress. As a minimum, daily records will cover the postoperative period as defined by local policy. Each entry in the records will include a signature or the initials of the person making the observation or treatment. All records will be readily available to the veterinary staff or the IACUC for review. The names and contact numbers of persons to notify or consult in case of emergencies will be provided to the facility manager and veterinarian. 					
		Name of Principal Investigator(s)	Signature(s)	Date			